

JP03101752
IMAGE FORMING DEVICE
CANON INC

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Abstract: PURPOSE: To control a change in an S-D gap and fluctuation in the circumferential speed of a photosensitive drum caused by vibration, etc., by pressing-contact a photosensitive drum part and a developing sleeve part to a main body by an elastic member and firmly fixing them.

CONSTITUTION: The photosensitive drum part A and the developing sleeve part B are housed in a housing 8, and the photosensitive drum part A and the developing sleeve part B are pressed so as to be brought into contact with the main body and firmly fixed by the elastic member 16 and 17. Then, the firm fixation of the photosensitive drum part A and the developing sleeve part B in a process cartridge K to the main body is prevented from becoming unstable because of the vibration. Thus, the change in the S-D gap and the fluctuation in the circumferential speed of the photosensitive drum A can be controlled and the occurrence of a failure such as irregularities in a printing pitch, etc., can be eliminated, so that a good image can be always obtained in a stable state.

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